

PATENT COOPERATION TREATY

PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference HH/CS51276	FOR FURTHER ACTION See Form PCT/IPEA/416	
International application No. PCT/SE2003/001901	International filing date (<i>day/month/year</i>) 05-12-2003	Priority date (<i>day/month/year</i>)
International Patent Classification (IPC) or national classification and IPC See Supplemental Box		
Applicant Telefonaktiebolaget LM Ericsson (publ) et al		

1. This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36.
2. This REPORT consists of a total of 5 sheets, including this cover sheet.
3. This report is also accompanied by ANNEXES, comprising:
 - a. ☐ (*sent to the applicant and to the International Bureau*) a total of _____ sheets, as follows:

☐ sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions).
☐ sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box.
 - b. ☐ (*sent to the International Bureau only*) a total of (indicate type and number of electronic carrier(s)) _____, containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).

4. This report contains indications relating to the following items:

<input checked="" type="checkbox"/>	Box No. I	Basis of the report
<input type="checkbox"/>	Box No. II	Priority
<input type="checkbox"/>	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
<input type="checkbox"/>	Box No. IV	Lack of unity of invention
<input checked="" type="checkbox"/>	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
<input type="checkbox"/>	Box No. VI	Certain documents cited
<input type="checkbox"/>	Box No. VII	Certain defects in the international application
<input type="checkbox"/>	Box No. VIII	Certain observations on the international application

Date of submission of the demand 10-05-2005	Date of completion of this report 23-02-2006
Name and mailing address of the IPEA/SE Patent- och registreringsverket Box 5055 S-102 42 STOCKHOLM Facsimile No. +46 8 667 72 88	Authorized officer Ralf Boström / itw Telephone No. +46 8 782 25 00

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/001901

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: Cover sheet

INTERNATIONAL PATENT CLASSIFICATION (IPC) :

H04L 29/06 (2006.01)

H04Q 7/32 (2006.01)

H04Q 7/38 (2006.01)

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/001901

Box No. I Basis of the report

1. With regard to the language, this report is based on:



the international application in the language in which it was filed

a translation of the international application into _____,
which is the language of a translation furnished for the purposes of:

international search (Rules 12.3(a) and 23.1(b))



publication of the international application (Rule 12.4(a))



international preliminary examination (Rules 55.2(a) and/or 55.3(a))

2. With regard to the elements of the international application, this report is based on (replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this report as "originally filed" and are not annexed to this report):



the international application as originally filed/furnished



the description:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____



the claims:

pages _____ as originally filed/furnished

pages* _____ as amended (together with any statement) under Article 19

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____



the drawings:

pages _____ as originally filed/furnished

pages* _____ received by this Authority on _____

pages* _____ received by this Authority on _____



a sequence listing and/or any related table(s) – see Supplemental Box Relating to Sequence Listing.

3. ☐ The amendments have resulted in the cancellation of:

the description, pages _____



the claims, Nos. _____



the drawings, sheets/figs _____



the sequence listing (specify): _____



any table(s) related to the sequence listing (specify): _____

4. ☐ This report has been established as if (some of) the amendments annexed to this report and listed below had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).

the description, pages _____



the claims, Nos. _____



the drawings, sheets/figs _____



the sequence listing (specify): _____



any table(s) related to the sequence listing (specify): _____

* If item 4 applies, some or all of those sheets may be marked "superseded."

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No.

PCT/SE2003/001901

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	<u>2-13, 15, 18-27, 29</u>	YES
	Claims	<u>1, 14, 16, 17, 28, 30</u>	NO
Inventive step (IS)	Claims	<u>2-13, 15, 18-27, 29</u>	YES
	Claims	<u>1, 14, 16, 17, 28, 30</u>	NO
Industrial applicability (IA)	Claims	<u>1-30</u>	YES
	Claims	<u>---</u>	NO

2. Citations and explanations (Rule 70.7)

The present application is concerned with a problem in communication systems that the establishment of a multimedia session causes a long delay since multiple communication parameters have to be exchanged between the sender and the receiver.

Cited documents:

- D1. WO 03017712 A2
- D2. WO 02096139 A1
- D3. US 2002094819 A1
- D4. WO 0184790 A1
- D5. WO 03017621 A1

D1, which is considered to represent the most relevant state of the art, discloses a method for minimizing call setup latency in wireless networks. According to D1 a channel assignment message is sent from a first station to a second station. The channel assignment message comprises an active set identifier which is associated with a set of communication parameters. The active set identifier identifies which parameters are to be used in the session between the two stations. Thus, the actual parameters do not have to be sent between the stations and consequently the set up time is decreased.

(abstract)

(page 10, line 4 - line 10)

(page 13, line 1 - page 16, line 25)

(page 21, line 17 - page 22, line 25)

.../...

Supplemental Box

In case the space in any of the preceding boxes is not sufficient.

Continuation of: BOX V

D2, which also is considered as a relevant document, discloses a method for synchronization of stored service parameters in a communication system. According to D2 an identifier which identifies a configuration to be used for a session is transmitted between the communicating stations.

D3, another relevant document, discloses a method for setting up a communication session between mobile stations. Communication parameters are stored in the mobile stations. When a new session is initiated the mobile stations are inquired whether that have parameters for the session in storage.

D4 and D5 are background art documents and are not considered to be of particular relevance.

Claims 1, 14, 16, 17, 28 and 30:

The first and second station in D1 corresponds to the calling and called terminal in the application. The active set identifier in D1 corresponds to the session key according to the application. Thus, all essential features of the invention according to claims 1, 14, 16, 17, 28 and 30 are known by D1. Consequently, the invention according to claims 1, 14, 16, 17, 28 and 30 is considered to lack novelty. The invention according to these claims is considered to be industrially applicable.

According to the arguments stated above the invention according to claims 2-13, 15, 18-27 and 29 is considered to be novel and to include an inventive step. However, the invention according to claims 1, 14, 16, 17, 28 and 30 is considered to lack an inventive step. All claims are industrially applicable.